International Application No PCT/IT2004/000374

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D491/22 A61K31/437

A61P35/00 //(C07D491/22,311:00,221:00,221:00,209:00)

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{C07D} & \mbox{A61K} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2004/083214 A (SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE) 30 September 2004 (2004-09-30) claims 1-14	1-14
A	S. DALLAVALLE ET AL.: "Novel Cytotoxic 7-Iminomethyl and 7-Aminomethyl Derivatives of Camptothecin" BIOORG. MED. CHEM. LETT., vol. 11, 2001, pages 291-294, XP002286415 * Scheme I *	1-14
A	EP 1 044 977 A (ISTITUTIO NAZIONALE PER LO STUDIO E LA CURA DEI TUMORI) 18 October 2000 (2000-10-18) cited in the application claims 1-23	1-14

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.			
Special categories of cited documents:  A' document defining the general state of the art which is not considered to be of particular relevance  E' earlier document but published on or after the international filing date  L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O' document referring to an oral disclosure, use, exhibition or other means  P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>			
Date of the actual completion of the international search  29 November 2004	Date of mailing of the international search report  21/12/2004			
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nt,  Fax: (+31-70) 340-3016	Authorized officer  Herz, C			

2

International Application No
PCT/IT2004/000374

2.12		PCT/1T2004/000374
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	The state of the s	neievani lo cialm No.
P,A	WO 03/101995 A (SIGMA-TAU INDUSTRIE FARMACEUTICHE & ISTITUTIO NAZIONALE PER LO STUDIO) 11 December 2003 (2003-12-11) claims 1-18	1-14
<b>A</b>	US 2001/008939 A1 (S. PENCO ET AL.) 19 July 2001 (2001-07-19) claims 1-24	1-14
	S. DALLAVALLE ET AL.: "Perspectives in camptothecin development" EXPERT. OPIN. THER. PATENTS, vol. 12, no. 6, 2002, pages 837-844, XP002251117 page 840	1-14
	WO 97/00876 A (SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES) 9 January 1997 (1997-01-09) claims 1-31	1-14
	S. DALLAVALLE ET AL.: "Novel 7-Oxyiminomethyl Derivatives of Camptothecin with Potent in Vitro and in Vivo Antitumor Activity"  J. MED. CHEM., vol. 44, no. 20, 9 May 2001 (2001-05-09), pages 3264-3274, XP002307863 table 1	1-14

2

information on patent family members

International Application No
PCT/IT2004/000374

				101/112004/0003/4			
	Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
	WO 2004083214	Ä	30-09-2004	US WO	2004018988 A1 2004083214 A1	29-01-2004 30-09-2004	
	EP 1044977	A	18-10-2000	EPT AUUG BRANZEE WESKRUPXOZLTIKRSSS	1044977 A1 216998 T 774174 B2 3160400 A 105810 A 0008840 A 2362760 A1 1139592 C 20013077 A3 69901379 D1 69901379 T2 1044977 T3 3605 B1 200100466 A 0053607 A1 2175919 T3 1031222 A1 20010667 A1 0200210 A2 2002539128 T PA01009081 A 20014128 A 513393 A 355094 A1 1044977 T 1044977 T 11642001 A3 200102603 T2 2004018988 A1 6242457 B1 2001008939 A1	18-10-2000 15-05-2002	
W(	0 03101995	A	11-12-2003	ZA IT WO	200107408 A 	12-03-2002  01-12-2003 11-12-2003	
U	S 2001008939	A1	19-07-2001	EP US AU BBR CN CZ DE DE EE WO EK HR	1044977 A1 2004018988 A1 216998 T 774174 B2 3160400 A 105810 A 0008840 A 2362760 A1 1139592 C 20013077 A3 69901379 D1 69901379 T2 1044977 T3 3605 B1 200100466 A 0053607 A1 2175919 T3 1031222 A1 20010667 A1	18-10-2000 29-01-2004 15-05-2002 17-06-2004 28-09-2000 28-06-2002 08-01-2002 14-09-2000 25-02-2004 16-01-2002 06-06-2002 07-11-2002 08-07-2002 26-06-2003 16-12-2002 14-09-2000 16-11-2002 09-05-2003 31-08-2002	

information on patent family members

**A** 

International Application No
PCT/IT2004/000374

			PC1/112004/0003/4		
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2001008939	A1		HU	0200210 A2	29-05-2002
			JP	2002539128 T	19-11-2002
			MX	PA01009081 A	30-08-2002
			NO	20014128 A	24-08-2001
			NZ	513393 A	29-04-2003
			PL	355094 A1	22-03-2004
			PT	1044977 T	30-09-2002
			SI	1044977 T1	31-08-2002
			SK	11642001 A3	07-01-2002
			TR	200102603 T2	21-01-2002
			US	6242457 B1	05-06-2001
			ZA	200107408 A	12-03-2002
WO 9700876	A	09-01-1997	AT	224900 T	15-10-2002
			ΑÜ	716377 B2	24-02-2000
			AU	6460896 A	22-01-1997
			BR	9608639 A	29-06-1999
			CA	2225528 A1	09-01-1997
			CN	1432571 A	30-07-2003
			CN	1192740 A ,B	09-09-1998
			CZ	9704153 A3	12-08-1998
			DE	69623961 D1	31-10-2002
			DE	69623961 T2	08-05-2003
			DK	835258 T3	03-02-2003
			ΕP	1251125 A2	23-10-2002
			ĒΡ	0835258 A1	15-04-1998
			ËS	2184882 T3	16-04-2003
			WO	9700876 A1	09-01-1997
			HK	1015783 A1	19-03-2004
			IL	122635 A	31-10-2001
			ĴΡ	11508249 T	21-07-1999
			ĴΡ	3576171 B2	13-10-2004
			JP	2004123756 A	22-04-2004
			NO	975988 A	19-02-1998
			NZ	312715 A	28-01-2000
			PL	324339 A1	25-05-1998
			PT	835258 T	28-02-2003
			RO	117918 B1	30-09-2002
			RU	2164515 C2	27-03-2001
			TW	457234 B	01-10-2001
			US	2002160994 A1	31-10-2002
			US	2003004150 A1	02-01-2003
			US	6313135 B1	06-11-2001
			US	6339091 B1	15-01-2002
			US	6797715 B1	28-09-2004
			US	5981542 A	09-11-1999
			ZA	9605318 A	24-01-1997